

Page 29, line 6, insert -- or SEQ. ID. NOS. 5 and 6 -- after "Figure 3";  
Page 29, line 14, insert -- or SEQ. ID. NOS. 7, 8, and 9 -- after "Figure 4";  
Page 31, line 8, insert -- or SEQ. ID. NOS. 10, 11, and 12 -- after "Figure 9";  
Page 31, line 13, insert -- or SEQ. ID. NOS. 13, 14, and 15 -- after "Figure 10";  
Page 31, line 18, insert -- or SEQ. ID. NOS. 16, 17, 18, 19, and 20 -- after "Figure 12";  
Page 47, line 19 insert -- (see also SEQ. ID. NOS. 25 to 37) -- after "Table 4";  
Page 49, line 2 and line 15, insert -- and SEQ. ID. NO. 21 -- after "Figure 20";  
Page 50, line 38, insert -- (SEQ. ID NO. 38) -- after "(aa 185-189)";  
Page 50, line 38, insert -- (SEQ. ID NO. 39) -- after "(aa 449-453)";  
Page 50, line 38, insert -- (SEQ. ID NO. 40) -- after "(aa 237-244)";  
Page 51, line 1, insert -- (SEQ. ID NO. 41) -- after "(aa 480-487)";  
Page 51, line 1, insert -- (SEQ. ID NO. 42) -- after "(aa 276-281)";  
Page 51, line 1, insert -- (SEQ. ID NO. 43) -- after "(aa 513-518)";  
Page 51, line 2, insert -- (SEQ. ID NO. 44) -- after "(aa 300-306)";  
Page 51, line 2, insert -- (SEQ. ID NO. 45) -- after "(aa 546-552)";  
Page 63, line 10, insert -- (SEQ. ID. NO. 48; see also SEQ. ID. NOS. 46 to 52) -- after "Table 10)"  
Page 63, line 12, insert -- (SEQ. ID. NO. 46) -- after "Table 10)"  
Page 63, line 20, insert -- (SEQ. ID. NOS. 50 and 49) -- after "Table 10)"  
Page 63, line 27, insert -- (SEQ. ID. NO. 51) -- after "Table 10)"  
Page 63, line 28, insert -- (SEQ. ID. NO. 49) -- after "Table 10)"

Please insert pages 81-116 enclosed herewith, containing a Sequence Listing in accordance with 37 C.F.R. 1.821(c).

**In the Claims**

Please renumber claim pages 81-83 of record as pages 117-119.

**Remarks**

This is in response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide and/or Amino Acid Sequence Disclosure